

LAND RECLAMATION COMMISSION

STATE OF MISSOURI

P.O. BOX 176

JEFFERSON CITY, MISSOURI 65102

573-751-4041

Permit To Engage in Surface Mining

LAND RECLAMATION COMMISSION

ISSUES TO

WILLIAM D. DAWSON, INC.

Pursuant to "The Land Reclamation Act," RSMo, 2001, and on conformity with the statements

In the application, a permit is hereby granted to engage in surface mining of
limestone in the state of Missouri. The extent of the

Proposed mining operation(s) will be on 33 acres, more or less.

The locations of the operation(s) under this permit is/are as follows: **Renewal**

County	Section	Township	Range	Acres Renewed	Acres New	Total Acres	Site/Stream Name	Site Number
Montgomery	31	46N	06W	2	0	2	Bluffton	0337
Franklin	14	43N	01W	31	0	31	Plant #2	0336

This permit may be suspended or revoked upon violation of any or all of the conditions set forth in "The Land Reclamation Act," RSMo, 2001, or in such rules and regulations as are promulgated pursuant thereto by the Land Reclamation Commission.

IN WITNESS WHEREOF I have hereunto set my hand this 29th day of January 2004


DIRECTOR OF STAFF

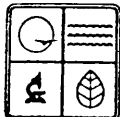
Land Reclamation Commission

Permit No. 0261

Effective Date 03/01/2004

Expiration Date 02/28/2005

MO 780-1122 (6-95)



MISSOURI DEPARTMENT OF NATURAL RESOURCES
LAND RECLAMATION COMMISSION
PERMIT RENEWAL FOR INDUSTRIAL MINERAL MINES

RECEIVED

JAN 16 2004

P.O. BOX 176
JEFFERSON CITY, MO 65102-0176

NAME OF CORPORATION, COMPANY, PARTNERSHIP OR INDIVIDUAL WM. D. DAWSON, INC		MISSOURI LAND RECLAMATION COMMISSION DATE 1-14-04	
ADDRESS 5662 HIGHWAY 47	CITY UNION	STATE MO	ZIP CODE 63084
CONTACT PERSON WILLIAM DAWSON		TELEPHONE NUMBER 636-583-4002	

FEES: COMPLETE SECTION I OR SECTION II

SECTION I. Fees: Open pit operators and those mining more than 5,000 tons of sand and/or gravel:

1. To compute the site fee complete the information below:

SITE NAME OR NUMBER (add a separate sheet for additional sites)	Mark each month that the site will be operated during the permit year	For sites operated less than six months per permit year pay \$150 For sites operated six months or more per permit year pay \$300
1. PLANT #2	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$ 300
2. BLUFFTON	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$ 300
3.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
4.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
5.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
6.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
7.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
8.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
9.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
10.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
TOTAL SITE FEE		\$ 600

2. Acreage Fee \$5 X **33** number of acres bonded \$ **165**

3. Annual Permit Fee \$ **500**

4. Total Fee (Add totals from 1, 2 and 3) \$ **1265.00**

NOTE: If Total Fee exceeds \$2,500.00 then pay only \$ **2,500**

SECTION II. FEES: Sand or gravel operators mining less than 5,000 tons per year:

1. Annual Permit Fee \$ **300**

SIGNATURE OF APPLICANT William D. Dawson		TITLE PRESIDENT	DATE 1-14-04
<p>Appeared before me this 14TH day of JANUARY, 20 04, WILLIAM D. DAWSON to me personally known, who executed the above as their free acts and deeds.</p>			
NOTARY PUBLIC EMBOSSEER SEAL	STATE OF MISSOURI	COUNTY (OR CITY OF ST. LOUIS) FRANKLIN	
	SUBSCRIBED AND SWORN BEFORE ME, THIS 14TH DAY OF JANUARY YEAR 2004		
	NOTARY PUBLIC SIGNATURE Betty D. Copeland	MY COMMISSION EXPIRES FEB. 22, 2007	USE RUBBER STAMP OR BELOW. Notary Public - Notary Seal STATE OF MISSOURI Franklin County My Commission Expires: February 22, 2007
	NOTARY PUBLIC NAME (TYPED OR PRINTED) BETTY D. COPELAND		
FOR DEPARTMENT USE ONLY: APPROVED BY [Signature]		DATE APPROVED 1-21-04	PERMIT NUMBER 0261
		EXPIRATION DATE 02-28-05	

LAND RECLAMATION COMMISSION

STATE OF MISSOURI

P.O. BOX 176

JEFFERSON CITY, MISSOURI 65102

573-751-4041

Permit To Engage in Surface Mining

LAND RECLAMATION COMMISSION

ISSUES TO

WILLIAM D. DAWSON, INC.

Pursuant to "The Land Reclamation Act," RSMo, 2001, and on conformity with the statements

In the application, a permit is hereby granted to engage in surface mining of

limestone in the state of Missouri. The extent of the

Proposed mining operation(s) will be on 41 acres, more or less.

The locations of the operation(s) under this permit is/are as follows: Amendment

County	Section	Township	Range	Acres Renewed	Acres New	Total Acres	Site/Stream Name	Site Number
Franklin	14	43N	01W	0	10	41	Plant #2	0336

This permit may be suspended or revoked upon violation of any or all of the conditions set forth in "The Land Reclamation Act," RSMo, 2001, or in such rules and regulations as are promulgated pursuant thereto by the Land Reclamation Commission.

IN WITNESS WHEREOF I have hereunto set my hand this

25th

day of

March 2004

Permit No. 0261-A1

Effective Date 03/25/2004

Expiration Date 02/28/2005

MO 580-1122 (6-95)

DIRECTOR OF STAFF

Land Reclamation Commission

RECEIVED

MAR 22 2004



MISSOURI DEPARTMENT OF NATURAL RESOURCES
LAND RECLAMATION COMMISSION

PERMIT APPLICATION FOR INDUSTRIAL MINERAL MINES

MISSOURI LAND
RECLAMATION COMMISSION

P.O. BOX 176
JEFFERSON CITY, MO 65102-0176

NAME OF CORPORATION, COMPANY, PARTNERSHIP OR INDIVIDUAL Wm. D. Dawson, Inc.		DATE March 18, 2004	
ADDRESS 5662 Hwy. 47		CITY Union	STATE MO
CONTACT PERSON William Dawson		ZIP CODE 63084	
TELEPHONE NUMBER 636-583-4002			
CHECK ANY THAT APPLY: <input type="checkbox"/> New Permit <input checked="" type="checkbox"/> Permit Amendment <input type="checkbox"/> Permit Revision <input type="checkbox"/> Permit Expansion			
SITE NAME OR NUMBER	ACREAGE	LOCATION: COUNTY, SECTION, TOWNSHIP, RANGE (EAST OR WEST)	
1. Plant 2	10	FRANKLIN S-14, T-43N, R-01W	
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
12.			
13.			
14.			
15.			
16.			
17.			
18.			
19.			
20.			
ATTACH ADDITIONAL SHEETS IF NECESSARY			
SIGNATURE OF APPLICANT <i>Wm. D. Dawson</i>		TITLE President	DATE March 18, 2004
Appeared before me this 18 th. day of March , 2004, to me personally known, who executed the above as their free acts and deeds.			
NOTARY PUBLIC EMBOSSE	STATE Missouri	COUNTY (OR CITY OF ST. LOUIS) Franklin	
	SUBSCRIBED AND SWORN BEFORE ME, THIS 18 th DAY OF March YEAR 2004	USE RUBBER STAMP OR COPIE AND LOW	
	NOTARY PUBLIC SIGNATURE <i>Betty D. Copeland</i>	MY COMMISSION EXPIRES Feb. 22, 2007	Notary Public - Notary Seal STATE OF MISSOURI Franklin County My Commission Expires: February 22, 2007
	NOTARY PUBLIC NAME (TYPED OR PRINTED) Betty D. Copeland		
FOR DEPARTMENT USE ONLY - APPROVED BY <i>[Signature]</i>	DATE APPROVED 3-22-04	PERMIT NUMBER 0261-A1	EXPIRATION DATE 2-28-05

RECEIVED

MAR 22 2004



MISSOURI DEPARTMENT OF NATURAL RESOURCES
LAND RECLAMATION COMMISSION
**PERMIT APPLICATION FOR INDUSTRIAL MINERAL MINES
FEES AND BONDING WORKSHEET**

MISSOURI LAND RECLAMATION COMMISSION
JEFFERSON CITY, MO 65102-0176
P.O. BOX 176

NAME OF CORPORATION, COMPANY, PARTNERSHIP OR INDIVIDUAL Wm. D. Dawson, Inc.	DATE March 18, 2004
---	-------------------------------

FEES: COMPLETE SECTION I OR SECTION II

SECTION I. FEES: Open pit operators and those mining more than 5,000 tons of sand and/or gravel:

1. To compute the site fee complete the columns and lines below:

SITE NAME OR NUMBER (Add a separate sheet for additional sites.)	Mark each month that the site will be operated during the Permit Year	For sites operated less than six months per permit year pay \$150
		For sites operated six months or more per permit year pay \$300
Plant 2	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$N/A
	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
TOTAL SITE FEE ►		\$

2. Acreage fee \$5 X 10 Number of acres bonded \$ 50.00

3. Annual permit fee. \$ 500 N/A

4. Total Fee (Add Totals from 1, 2 and 3). \$ 50.00

NOTE: If Total Fee exceeds \$2,500.00 then pay only \$ 2,500

SECTION II. FEES: Sand or gravel operators mining less than 5,000 tons per year:

1. Annual permit fee. \$ 300

III. BONDING - for all except in-stream mine sites:

A. For sand and gravel operators mining less than 5,000 tons/year:

Number of new acres _____ X \$500 per acre \$ _____

B. For ALL other open pit operations:

Minimum per permit \$ 8,000

Acreage over eight acres 35 X \$500 per acre \$ 17,500.00

TOTAL BONDING REQUIRED \$ 25,500.00

☒ Check here if adequate bonding is already posted.



MISSOURI DEPARTMENT OF NATURAL RESOURCES
LAND RECLAMATION COMMISSION
SITE INFORMATION FORM

RECEIVED
MAR 1 1996
MISSOURI LAND
RECLAMATION COMMISSION

To be completed for each separate area of disturbance associated with mining operations.

SITE NAME OR NUMBER Bluffton		PERMIT NUMBER 261	
COMPANY NAME Wm. D. Dawson, Inc.			
COUNTY Montgomery	1/4 SECTION NW SE		SECTION 31
TOWNSHIP 46N	RANGE 6W		ACRES 60.74
RIVER OR STREAM NAME (FOR IN-STREAM ACRES)			
MINERAL COMMODITY Limestone		ESTIMATED TONS/YEAR (FOR GRAVEL SITES) 50,000	

NAME OF LANDOWNER (ATTACH LIST IF MORE THAN ONE) William Staggenborg		
ADDRESS RFD		
CITY Hermann	STATE MO	ZIP CODE 65401
SOURCE OF RIGHT TO MINE (CHECK ONE): <input type="checkbox"/> MINERAL DEED <input type="checkbox"/> WARRANTY DEED <input type="checkbox"/> OTHER (DESCRIBE): _____ <input checked="" type="checkbox"/> LEASE <input type="checkbox"/> VERBAL AGREEMENT		DATE OF AGREEMENT March 1, 1996

MINERAL RIGHTS OWNER (ATTACH LIST IF MORE THAN ONE) Same As Above		
ADDRESS		
CITY	STATE	ZIP CODE
SOURCE OF RIGHT TO MINE (CHECK ONE): <input type="checkbox"/> MINERAL DEED <input type="checkbox"/> WARRANTY DEED <input type="checkbox"/> OTHER (DESCRIBE): _____ <input type="checkbox"/> LEASE <input type="checkbox"/> VERBAL AGREEMENT		DATE OF AGREEMENT

NOTE: Each site must be shown on a map and be included in a public notice and an approved mine plan.



MISSOURI DEPARTMENT OF NATURAL RESOURCES
LAND RECLAMATION COMMISSION
MINE PLAN

RECEIVED
MAR 2 1986

MISSOURI LAND

P.O. BOX 176
JEFFERSON CITY, MO 65102

TYPE OF PLAN (CHECK ONE):

- ☐ SHORT TERM, FOR ONE PERMIT YEAR
☒ LONG TERM, FOR PERIOD THROUGH DATE: 2046

RECLAMATION COMMISSION

DESCRIPTION OF SITE PRIOR TO LAND RECLAMATION COMMISSION PERMITTING (BY APPLICANT OR PRIOR OPERATOR), INCLUDING SOIL, VEGETATION AND TOPOGRAPHY. The (60.74 acres) property has an old quarry already established.

It was opened at least 50 years ago (1946). It appears, to me, that it was used to supply the Corp of Engineers with shot rock to build and maintain dikes in the Missouri River. It has been inactive for years.

A forty foot bench of rock consisting of 2 acres was left. The top forty feet has already been removed. The overburden from this area must have been removed many years ago. There are twenty inch diameter trees growing in this overburden. This site was inspected and all documentation was done by Larry Hopkins.

OPERATION PLAN - 10 CSR 40-10.020(2)(D)1.

A. TOPSOIL

AVERAGE DEPTH OF TOPSOIL, PRIOR TO LAND RECLAMATION COMMISSION PERMITTING

0 INCHES

IS TOPSOIL TO BE SOLD OR DISCARDED OFFSITE?

☐ YES OR ☒ NO

DESCRIBE METHODS AND EQUIPMENT USED FOR TOPSOIL REMOVAL

The topsoil and overburden was removed and dozed in both directions Of this old quarry some 30 years ago. My intent will be to work within the walls of the existing quarry.

DESCRIBE METHODS AND EQUIPMENT USED FOR TOPSOIL STORAGE AND PROTECTION

No storage will be involved.

B. SPOIL.

DESCRIBE METHODS AND LOCATION OF SPOIL PLACEMENT AND DISPOSAL

No storage of spoils

RECEIVED
MAR 2 1965
MISSOURI LAND
RECLAMATION COMMISSION

C. ACID MATERIALS

DESCRIBE METHODS AND EQUIPMENT USED FOR HANDLING ACID MATERIALS (IF NONE IS ANTICIPATED, WRITE "NONE" BELOW)

None

PIT INFORMATION (GIVE ALL DIMENSIONS IN FEET)

DESCRIBE LOCATION AND ORIENTATION OF PIT, IF NOT CLEAR ON SITE MAPS

Bluffton, MO, south side of State Highway 94

YES NO

☐ ☒ Will any excavation be at or within fifty feet (50') of the right-of-way of any public road?

☐ ☒ Will any highwall consisting of unconsolidated materials be left within fifty feet of the right-of-way of any public road? (NOTE: For unconsolidated materials left in place, a slope of no more than forty degrees may start near the right of way, and in no case may the excavation be closer to the right of way than fifty feet or twenty-five feet plus one and one-half (1-½) times the depth of unconsolidated material, whichever is greater, unless a variance is granted by the Commission.)

☐ ☒ Will any excavation start at or within fifty feet (50') of any property line?
(NOTE: If the answer is "yes", a safety barrier may be needed.)

RECEIVED
MAY 1996
MISSOURI

RECLAMATION PLAN - 10 CSR 40-10.020(4)(D)2.

A. REVEGETATION (Attach additional sheets, if needed)

REVEGETATION MIX #1	PURPOSE OR LAND USE Industrial	B. SEEDING OR PLANTING TIME
---------------------	--	-----------------------------

DESCRIBE METHODS AND EQUIPMENT TO BE USED FOR SEEDING OR PLANTING

RECLAMATION COMMISSION

No seeding will be done. Quarry floor will be used for Industrial purposes.

Lime and fertilizer will be applied according to recommendations made, based on an analysis of soil texture and nutrients. Mulch will be applied to all slopes exceeding 5:1.

SEEDED SPECIES	POUNDS/ACRE	TREE OR SHRUB SPECIES	STEMS/ACRE
No slopes Old quarry floor will be industrial.			

VEGETATION MIX #2	PURPOSE OR LAND USE	B. SEEDING OR PLANTING TIME
-------------------	---------------------	-----------------------------

DESCRIBE METHODS AND EQUIPMENT TO BE USED FOR SEEDING OR PLANTING

No method or equipment to be used for seeding or planting.

Lime and fertilizer will be applied according to recommendations made, based on an analysis of soil texture and nutrients. Mulch will be applied to all slopes exceeding 5:1.

SEEDED SPECIES	POUNDS/ACRE	TREE OR SHRUB SPECIES	STEMS/ACRE
N/A			

ATTACH ADDITIONAL SHEETS FOR ADDITIONAL SEED MIXES.

B. GRADING

DESCRIBE PROPOSED RECLAIMED TOPOGRAPHY, INCLUDING SLOPES

This 50 year old quarry will be worked within the already high walls. We will remove a forty foot bench of rock that was left behind some years ago.

RECEIVED
MAR 20 1995
MISSOURI AND
RECLAMATION COMMISSION

C. DESCRIBE THE GENERAL SEQUENCE AND TIMING OF THE FOLLOWING ACTIVITIES

GRADING

Leveling of quarry floor - 2046

Note: I spoke to Larry Hopkins
on 3/28/96 about this plan
and he appeared satisfied that
it was consistent w/site conditions.

REPLACEMENT OF TOPSOIL

2046

I suggested to Wm. Dawson
on 4/3/96, however, that he might
consider revising this plan to
include reveg once he extends
mining operations beyond the
existing pit.

REVEGETATION

2046

MKC
4-3-96

AVERAGE DEPTH OF REPLACED TOPSOIL (INCHES)

D. USE OF LAND WHEN RECLAIMED

Estimate acreage of each land use below, after reclamation

ESTIMATED ACRES:

Wildlife (forest or other habitat with livestock excluded)

Agricultural (pasture, cropland, and horticultural)

Development (residential, industrial, and recreational)

60.74 (61)

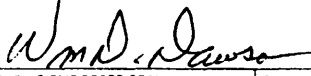
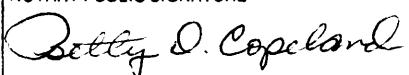
Water impoundments (for wildlife, agricultural, or development)

RECEIVED
MAR 25 1996

By my signature, I attest to the following:

MISSOURI LAND
RECLAMATION COMMISSION

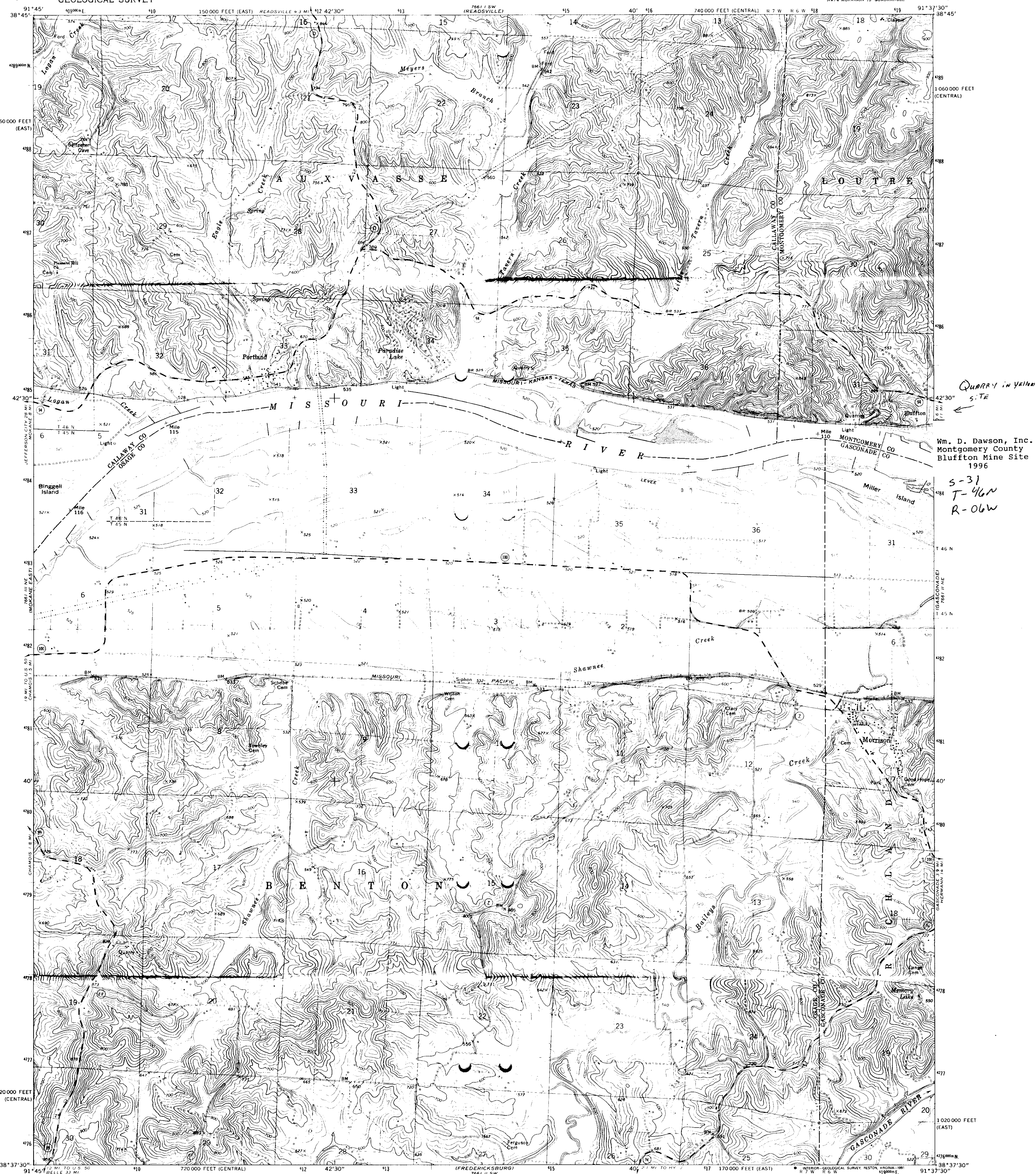
1. All statements made on this Mine Plan Form are correct, complete, and true, to the best of my knowledge.
2. I or the company I am authorized to represent intend(s) to mine in accordance with this Mine Plan Form, and in accordance with the Missouri Land Reclamation Act, Sections 444.760 through 444.789, RSMo (Supp. 1990), and all rules, regulations, orders, decisions and permits of the Missouri Land Reclamation Commission pertaining to my company's surface mining operations.
3. I have obtained the approval of all landowner's for all proposed post-reclamation land uses.
4. I have a valid agreement with all landowners which gives me the right to grant access to the Director of the Missouri Land Reclamation Commission and his authorized representatives, and I grant such access, and further where I have no such right, I have attached signed affidavits from the landowners, granting such access.

SIGNATURE OF APPLICANT 		TITLE President	DATE 3/21/96
NOTARY PUBLIC EMBOSSEER SEAL	STATE Missouri	COUNTY (OR CITY OF ST. LOUIS) Franklin	
	SUBSCRIBED AND SWORN BEFORE ME, THIS 21st DAY OF March 19 96		USE RUBBER STAMP IN CLEAR AREA BELOW BETTY D. COPELAND Notary Public — Notary Seal STATE OF MISSOURI Franklin County My Commission Expires: February 22, 1999
	NOTARY PUBLIC SIGNATURE 	MY COMMISSION EXPIRES 2/22/1996	
	NOTARY PUBLIC NAME (TYPED OR PRINTED) Betty D. Copeland		
APPROVED BY (DIRECTOR'S REPRESENTATIVE) MEC, P.C.		DATE APPROVED 4/12/96	PERMIT NUMBER 261

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

STATE OF MISSOURI
DEPARTMENT OF NATURAL RESOURCES

MORRISON QUADRANGLE
MISSOURI
7.5 MINUTE SERIES (TOPOGRAPHIC)
NW 1/4 MORRISON 15' QUADRANGLE



Wm. D. Dawson, Inc.
Montgomery County
Bluffton Mine Site
1996

S-31
T-46N
R-06W

Mapped, edited, and published by the Geological Survey

Control by USGS and NOS/NOAA

Topography by photogrammetric methods from aerial

photographs taken 1970. Field checked 1974

Projection: Missouri coordinate system, central zone

(transverse Mercator)

10,000-foot grid ticks based on Missouri coordinate

system, central and east zones

1000-metre Universal Transverse Mercator grid ticks,

zone 15, shown in blue. 1927 North American datum

Fine red dashed lines indicate selected fence and field lines where

generally visible on aerial photographs. This information is unchecked

To place on the predicted North American Datum 1983

move the projection lines 1 meter south and

13 meters east as shown by dashed corner ticks

UTM GRID AND 1974 MAGNETIC NORTH

DECLINATION AT CENTER OF SHEET

Map photostated 1982

No major culture or drainage changes observed

SCALE 1:24,000

CONTOUR INTERVAL 20 FEET

DOTTED LINES REPRESENT 5-FOOT CONTOURS

NATIONAL GEODETIC VERTICAL DATUM OF 1929

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS

FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092

AND DIVISION OF GEOLOGY AND LAND SURVEY

MISSOURI DEPARTMENT OF NATURAL RESOURCES, ROLLA, MISSOURI 65401

A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

ROAD CLASSIFICATION

Primary highway, hard surface

Secondary highway, hard surface

Light-duty road, hard or improved surface

Unimproved road

Interstate Route

U. S. Route

State Route

MORRISON, MO.

NW 1/4 MORRISON 15' QUADRANGLE

38091 F6-TF-024

1974

PHOTOINSPECTED 1982

DMA 7661 II NW-SERIES V879

PLAT

Section 31, 32 Township 46N Range 6W P.M.

MONTGOMERY CO.

MARJORIE PERDUE

SUR # 10,943 BK 18, PAGE 104

1/2" PIPE PER ROBERT JAMES SURVEY DEC. 1978

R=608.59
CHORD S 60° 43' E
504.3

60.74 AC.

VIRGIL ZUMSTEG
William Staggberg

LIMESTONE QUARRY

NW 1/4
SE 1/4

E.M.K. & T. R/R

640.0' HIGH BANK
N 86° 19' W

SET 7/8" ROD
68' SOUTH OF C. OF R/R
CENTER OF 48 COTTON WOOD
IS 72' FROM C. TRACKS
AND 1.5' EAST OF LINE

MO
RIVER

Detail
Map

KUESTER'S
SURVEY
MAY 26
1983

SE 1/4
NE 1/4

31
S S
32

SW 1/4
NW 1/4

JUNE, 1985
1"=300'
BEARING PER
SUR 10,943
REV. MAY, 1989
R/R TRACKS HAVE
BEEN REMOVED.
REV. JUNE, 1990

STEEL R/W POST
JUNE 1985

SET 2" PIPE
IN DITCH

R=1110.95
CHORD S 74° 07' E
241.3'

MO. RTE 94

DENNIS ZUMSTEG

15.41 ACRES

MILLER

NE 1/4
SE 1/4

BLK 6

7.14 AC.

BLK 1

BLK 2

BLK 3

BLK 4

BLK 5

BLK 6

BLK 7

BLK 8

BLK 9

BLK 10

BLK 11

BLK 12

BLK 13

BLK 14

BLK 15

BLK 16

BLK 17

BLK 18

BLK 19

BLK 20

BLK 21

BLK 22

BLK 23

BLK 24

BLK 25

BLK 26

BLK 27

BLK 28

BLK 29

BLK 30

S 69° 56' E
100.1'
S 75° 40' E
100.1'
S 67° 05' E
50.2'
S 72° 48' E
180.1'

S 87° 31' E
108.5'

SET 1/4 CORNER
USING INFO. FROM KUSTERS
SURVEY
SET PIPE IN BRANCH
SE COR. CULVERT N 58° 50' E 57.36'
SW COR. CULVERT N 0° 09' E 48.05'

CERTIFICATE

This is to certify that I, Elmer F. Birk, a Registered Land Surveyor in the State of Missouri, have at the request of the owner, executed a survey of the land shown hereon in accordance with the Minimum Standards for Property Boundary Surveys and that said survey is correctly represented hereon.

Elmer F. Birk

RECEIVED
1996
MISSOURI LAND
RECLAMATION COMMISSION

Wm. D. Dawson, Inc.
Montgomery County
Bluffton Mine Site
1996

S-31, T-46N, R-06W



MISSOURI DEPARTMENT OF NATURAL RESOURCES
LAND RECLAMATION COMMISSION
SITE INFORMATION FORM

RECEIVED
JAN 19 2000
MISSOURI LAND
RECLAMATION COMMISSION

To be completed for each separate area of disturbance associated with mining operations

SITE NAME OR NUMBER		PERMIT NUMBER	
Wm. D. Dawson, Inc. Plant #2		261	
COMPANY NAME			
Wm. D. Dawson, Inc.			
COUNTY	1/4 SECTION	SECTION	
Franklin	01W	14	
TOWNSHIP	RANGE	ACRES	
43N	01W	82	
RIVER OR STREAM NAME (FOR IN-STREAM ACRES)			
unnamed			
MINERAL COMMODITY		ESTIMATED TONS/YEAR (FOR GRAVEL SITES)	
Limestone		>5000 tons	

NAME OF LANDOWNER (ATTACH LIST IF MORE THAN ONE)		
Wm. D. Dawson		
ADDRESS		
260 Cedar Valley		
CITY	STATE	ZIP CODE
Villa Ridge	MO	63089
SOURCE OF RIGHT TO MINE (CHECK ONE)		DATE OF AGREEMENT
<input type="checkbox"/> MINERAL DEED <input type="checkbox"/> WARRANTY DEED <input type="checkbox"/> OTHER (DESCRIBE): _____		1976
<input checked="" type="checkbox"/> LEASE <input type="checkbox"/> VERBAL AGREEMENT		

MINERAL RIGHTS OWNER (ATTACH LIST IF MORE THAN ONE)		
Wm. D. Dawson		
ADDRESS		
260 Cedar Valley		
CITY	STATE	ZIP CODE
Villa Ridge	MO	63089
SOURCE OF RIGHT TO MINE (CHECK ONE)		DATE OF AGREEMENT
<input type="checkbox"/> MINERAL DEED <input type="checkbox"/> WARRANTY DEED <input type="checkbox"/> OTHER (DESCRIBE): _____		1976
<input checked="" type="checkbox"/> LEASE <input type="checkbox"/> VERBAL AGREEMENT		

NOTE: Each site must be shown on a map and be included in a public notice and an approved mine plan.

MO 780-1036 (12-91)



JAN 1 2000

MISSOURI DEPARTMENT OF NATURAL RESOURCES
LAND RECLAMATION COMMISSION
MINE PLANMISSOURI LAND
RECLAMATION COMMISSION P.O. BOX 176
JEFFERSON CITY, MO 65102

TYPE OF PLAN (CHECK ONE)

- ☐ SHORT TERM, FOR ONE PERMIT YEAR
☒ LONG TERM, FOR PERIOD THROUGH DATE 2046

DESCRIPTION OF SITE PRIOR TO LAND RECLAMATION COMMISSION PERMITTING (BY APPLICANT OR PRIOR OPERATOR), INCLUDING SOIL, VEGETATION AND TOPOGRAPHY

Plant # 2

Rolling hillside 8 ft of clay overburden no top soil of any depth. The east side of permit area is bordered by Mo. State Hwy 47

OPERATION PLAN - 10 CSR 40-10.020(2)(D)1.

A. TOPSOIL

AVERAGE DEPTH OF TOPSOIL, PRIOR TO LAND RECLAMATION COMMISSION PERMITTING

3" INCHES

IS TOPSOIL TO BE SOLD OR DISCARDED OFFSITE?

☒ YES OR ☐ NO

DESCRIBE METHODS AND EQUIPMENT USED FOR TOPSOIL REMOVAL

Loader - Caterpillar 980C, 980F will load dirt on Trucks & removed

DESCRIBE METHODS AND EQUIPMENT USED FOR TOPSOIL STORAGE AND PROTECTION

no storage of Topsoil, most topsoil will be sold. However, enough topsoil will be saved and protected to complete final reclamation activities
TT 1-20-00

B. SPOIL

DESCRIBE METHODS AND LOCATION OF SPOIL PLACEMENT AND DISPOSAL

MISSOURI LAND
RECLAMATION COMMISSION

Spoils are sold as fill material

C. ACID MATERIALS

DESCRIBE METHODS AND EQUIPMENT USED FOR HANDLING ACID MATERIALS (IF NONE IS ANTICIPATED, WRITE "NONE" BELOW)

None

D. PIT INFORMATION (GIVE ALL DIMENSIONS IN FEET)

DESCRIBE LOCATION AND ORIENTATION OF PIT, IF NOT CLEAR ON SITE MAPS

YES NO

☐☒

Will any excavation be at or within fifty feet (50') of the right-of-way of any public road?

☐☒

Will any highwall consisting of unconsolidated materials be left within fifty feet of the right-of-way of any public road? (NOTE: For unconsolidated materials left in place, a slope of no more than forty degrees may start near the right of way, and in no case may the excavation be closer to the right of way than fifty feet or twenty-five feet plus one and one-half (1-½) times the depth of unconsolidated material, whichever is greater, unless a variance is granted by the Commission.)

☐☒

Will any excavation start at or within fifty feet (50') of any property line?
(NOTE: If the answer is "yes", a safety barrier may be needed.)

MISSOURI LAND
RECLAMATION COMMISSION

RECLAMATION PLAN - 10 CSR 40-10.020(2)(D)2.

A. REVEGETATION (Attach additional sheets, if needed)

REVEGETATION MIX #1	PURPOSE OR LAND USE <i>Lake</i>	B. SEEDING OR PLANTING TIME <i>N/A</i>
---------------------	------------------------------------	---

DESCRIBE METHODS AND EQUIPMENT TO BE USED FOR SEEDING OR PLANTING

A strip 30 ft wide around the finished pit will be graded with a crawler highlift & finished with a disc harrow & broadcast seeder. Fertilizer & lime as needed

Lime and fertilizer will be applied according to recommendations made, based on an analysis of soil texture and nutrients. Mulch will be applied to all slopes exceeding 5:1.

SEEDING SPECIES	POUNDS/ACRE	TREE OR SHRUB SPECIES	STEMS/ACRE
<i>Orchard Grass</i>	<i>8</i>		
<i>Alfalfa</i>	<i>10</i>		

REVEGETATION MIX #2	PURPOSE OR LAND USE <i>Lake</i>	B. SEEDING OR PLANTING TIME
---------------------	------------------------------------	-----------------------------

DESCRIBE METHODS AND EQUIPMENT TO BE USED FOR SEEDING OR PLANTING

Lime and fertilizer will be applied according to recommendations made, based on an analysis of soil texture and nutrients. Mulch will be applied to all slopes exceeding 5:1.

SEEDING SPECIES	POUNDS/ACRE	TREE OR SHRUB SPECIES	STEMS/ACRE

ATTACH ADDITIONAL SHEETS FOR ADDITIONAL SEED MIXES.

B. GRADING

DESCRIBE PROPOSED RECLAIMED TOPOGRAPHY, INCLUDING SLOPES

MISSOURI LAND
RECLAMATION COMMISSION

a 30 ft wide area around the perimeter of this pit will be graded to slopes traversable by farm machinery. This area will be seeded to prevent any erosion, the end results will be a Lake

C. DESCRIBE THE GENERAL SEQUENCE AND TIMING OF THE FOLLOWING ACTIVITIES

GRADING

Will not begin until pit is completed

REPLACEMENT OF TOPSOIL

Top soil will be placed to 12" of depth, at that time discing, harrowing + seeding will begin

REVEGETATION

All areas will be seeded when grading is complete

AVERAGE DEPTH OF REPLACED TOPSOIL (INCHES)

6" 12"

D. USE OF LAND WHEN RECLAIMED

Estimate acreage of each land use below, after reclamation

ESTIMATED ACRES:

Wildlife (forest or other habitat with livestock excluded)

Agricultural (pasture, cropland, and horticultural)

Development (residential, industrial, and recreational)

Water impoundments (for wildlife, agricultural, or development)

81.25

RECEIVED
JAN 19 2000

By my signature, I attest to the following:

MISSOURI LAND
RECLAMATION COMMISSION

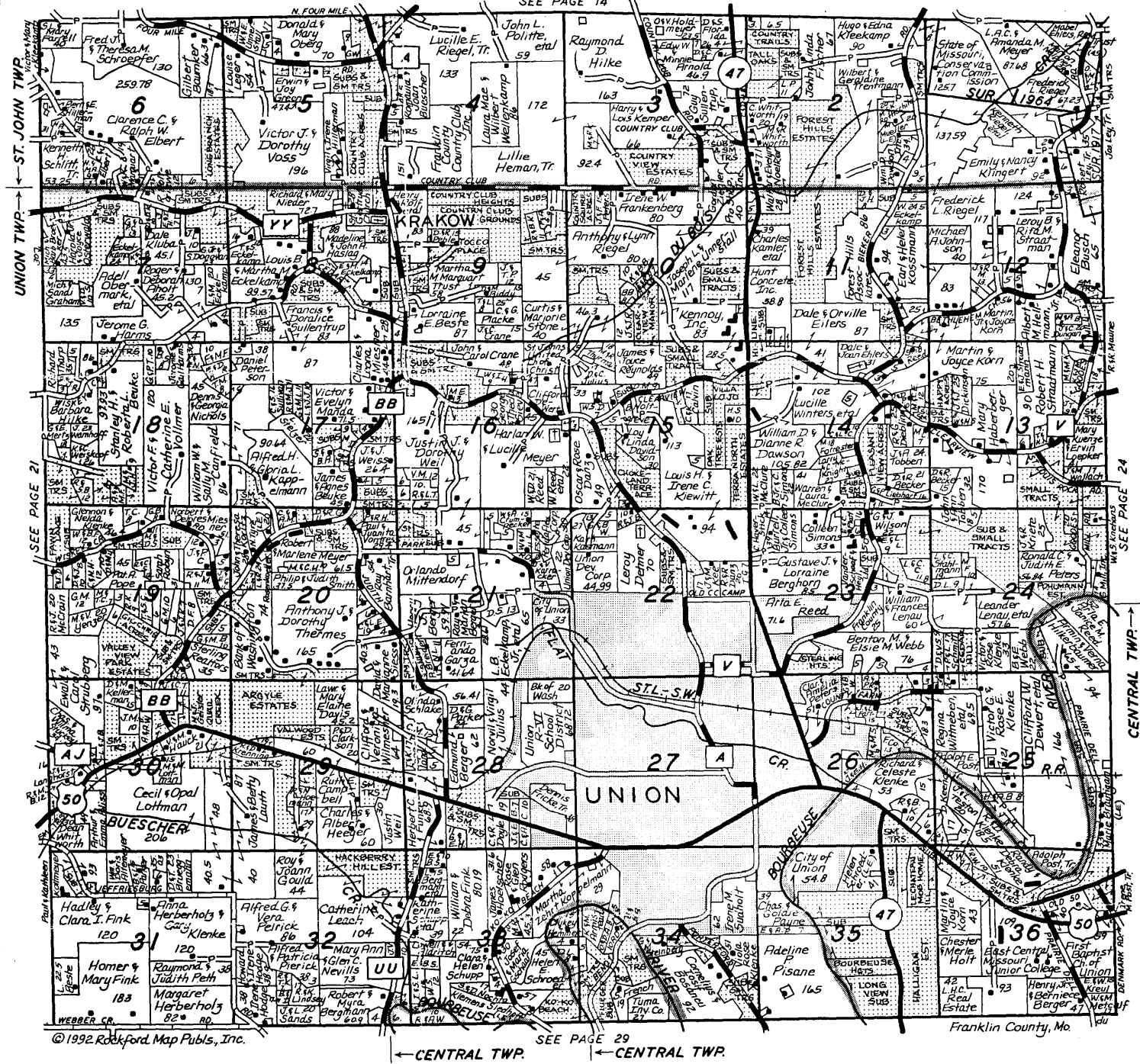
1. All statements made on this Mine Plan Form are correct, complete, and true, to the best of my knowledge.
2. I or the company I am authorized to represent intend(s) to mine in accordance with this Mine Plan Form, and in accordance with the Missouri Land Reclamation Act, Sections 444.760 through 444.789, RSMo (Supp. 1990), and all rules, regulations, orders, decisions and permits of the Missouri Land Reclamation Commission pertaining to my company's surface mining operations.
3. I have obtained the approval of all landowner's for all proposed post-reclamation land uses.
4. I have a valid agreement with all landowners which gives me the right to grant access to the Director of the Missouri Land Reclamation Commission and his authorized representatives, and I grant such access, and further where I have no such right, I have attached signed affidavits from the landowners, granting such access.

SIGNATURE OF APPLICANT <i>Wm. J. Dawson</i>		TITLE President	DATE 1-14-2000
NOTARY PUBLIC EMBOSSEY SEAL	STATE Missouri	COUNTY (OR CITY OF ST. LOUIS) Franklin	
	SUBSCRIBED AND SWORN BEFORE ME, THIS 14 th. DAY OF January 19 2000		USE RUBBER STAMP IN CLEAR AREA BELOW BETTY D. COPELAND Notary Public - Notary Seal STATE OF MISSOURI Franklin County My Commission Expires: February 22, 2003
	NOTARY PUBLIC SIGNATURE <i>Betty D. Copeland</i>	MY COMMISSION EXPIRES Feb. 22, 2003	
	NOTARY PUBLIC NAME (TYPED OR PRINTED) Betty D. Copeland		
APPROVED BY (DIRECTOR'S REPRESENTATIVE) <i>Timothy Flan</i>		DATE APPROVED 1-20-00	PERMIT NUMBER 261

THE QUARRY IS LOCATED ON THIS PAGE IN YELLOW

Wm. D. Dawson
Plant #2
Franklin Co.

12 NORTH CENTRAL PART UNION
SOUTH CENTRAL PART ST. JOHN
NORTHWEST PART CENTRAL
T.43N.-R.1W.



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SEE PAGE 29

← CENTRAL TWP. ← CENTRAL TWP.



1908 LTD, Inc.

Robert W. Borgmann 583-2283

210 Highway 50 West, Suite A - Union, Missouri 63084
Business: (314) 583-5900 938-6992

1605 Heritage Hills Drive - Washington, Missouri 63090
Business: (314) 239-7077 938-6920

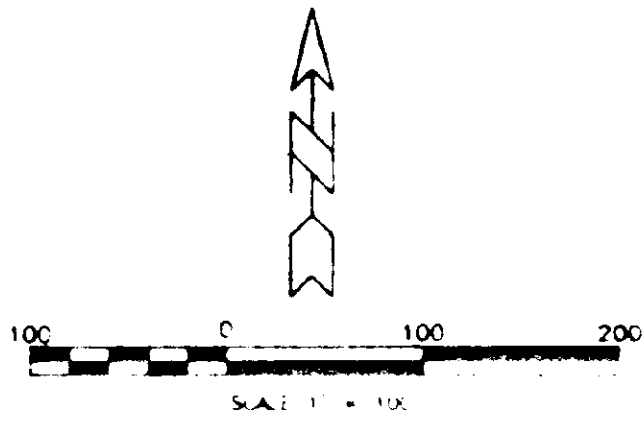
308 Noonan Plaza - Pacific, Missouri 63069
Business: (314) 257-6057 938-6565



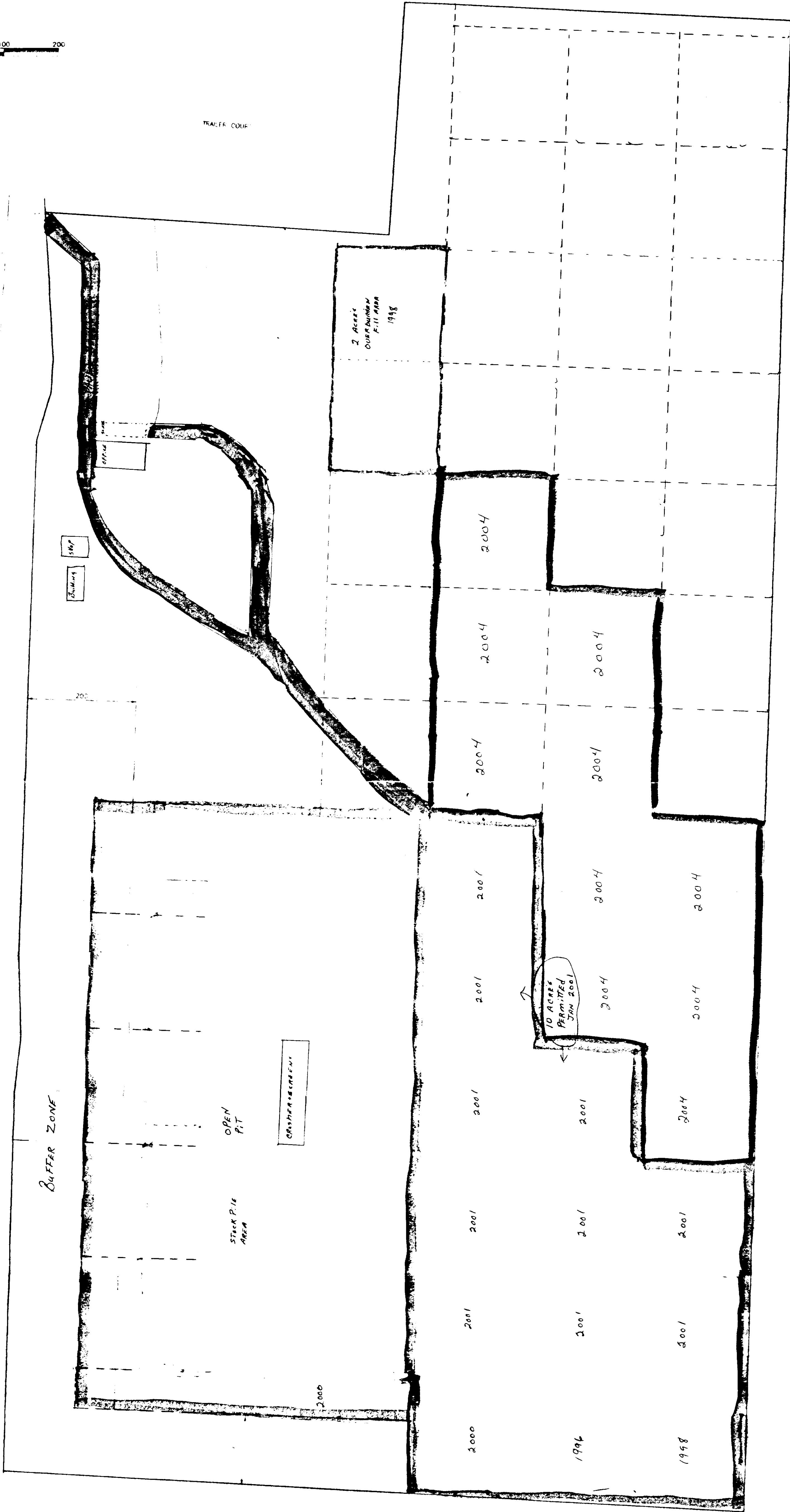
Permit 0261

DAWSON QUARRY SITE
SEC. 14, T43N, R1W IN FRANKLIN COUNTY, MO.

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MAR 22 2004
MISSOURI LAND
RECLAMATION COMMISSION

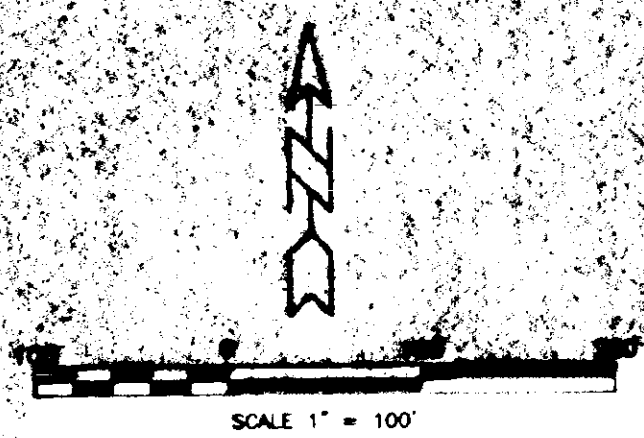


CENTERLINE ROUTE "47"



DAWSON QUARRY SITE
SEC. 14, T43N, R1W IN FRANKLIN COUNTY, MO.

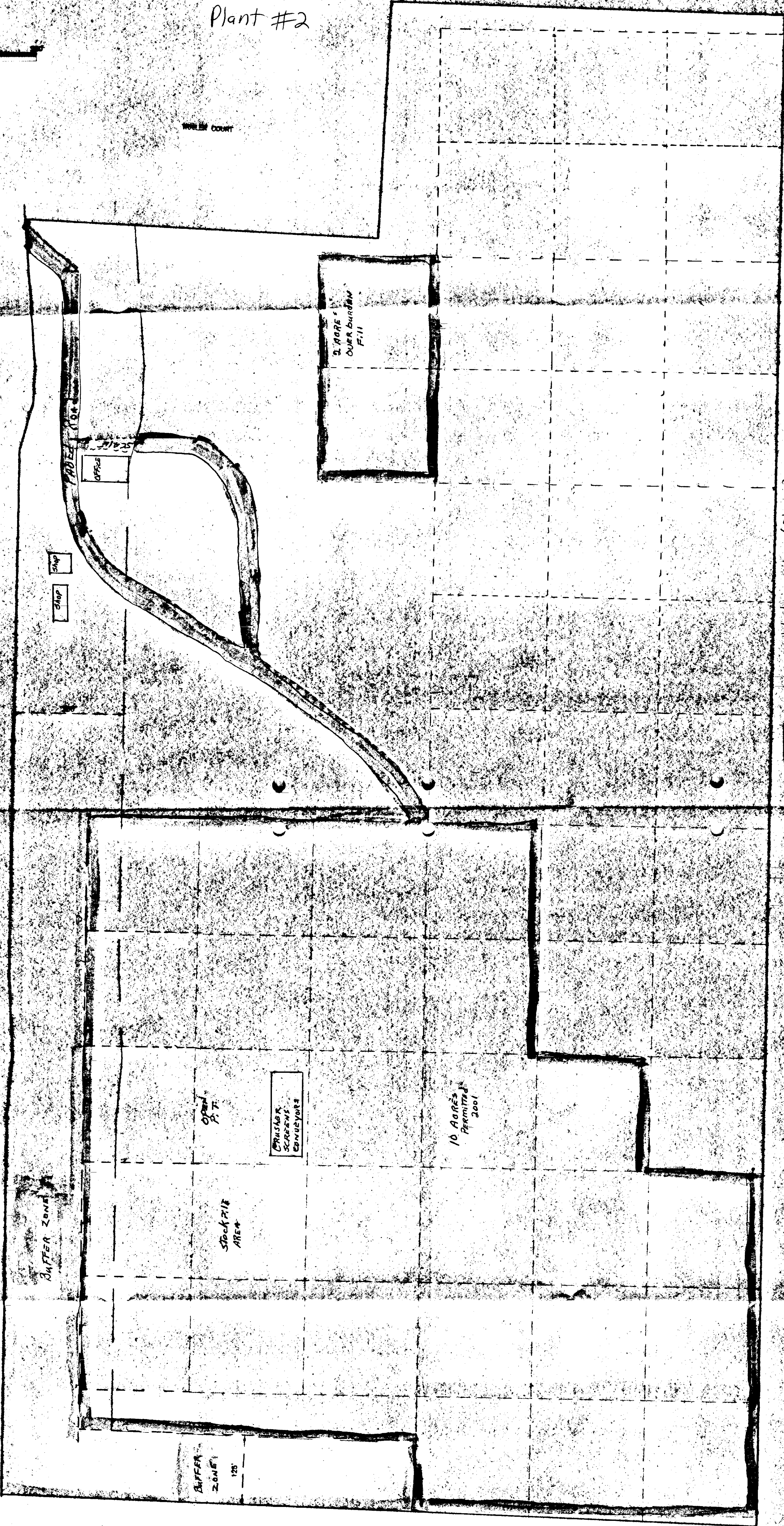
February 2001
"Detail Map"
Plant #2



WATER COURSE

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FEB 07 2001
MISSOURI LAND
RECLAMATION COMMISSION

CENTERLINE ROUTE #47



Perm Hfd. area (31 acres)

New area - 2001 - 10 acres

Area designated as buffer zone

Post-Mining Land Use is a water impoundment